



SPECIAL AIRWORTHINESS INFORMATION BULLETIN

Aircraft Certification Service
Washington, DC

U.S. Department
of Transportation

**Federal Aviation
Administration**

CE-05-78
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<http://www.faa.gov/aircraft/safety/alerts/>

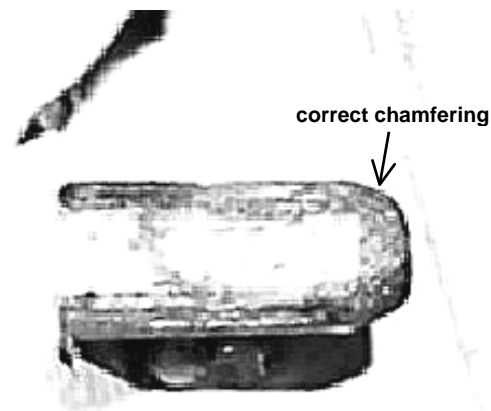
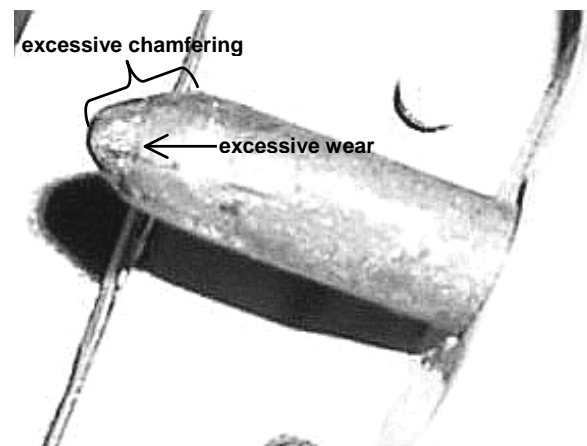
This is information only. Recommendations aren't mandatory.

Introduction

This Special Airworthiness Information Bulletin (SAIB) alerts you, owners and operators of **Amateur-Built Experimental IAR SA BRASOV Model IAR823** airplanes, of the need to inspect the canopy latching rods for proper alignment and wear.

Background

During the investigation of an incident, our Flight Standards Division noted excessive wear and excessive chamfering on the end of the forward latching rod on the left side of the canopy. The end of the latching rod was incorrectly chamfered to greater than three-fourths the diameter of the rod causing the striker to ride on the chamfered end of the rod instead of the flat side of the rod. This created a force pushing the rod out of the striker, which allowed the canopy to unexpectedly open during flight and resulted in the Plexiglas in that section of the canopy breaking and departing the aircraft.



Recommendation

We recommend that owners and operators of all amateur-built experimental IAR SA BRASOV Model IAR823 airplanes inspect the canopy latching rods for correct chamfering. Correct chamfer of the latching rod is one-third of the diameter the rod.

This SAIB is for information only. It does not prevent us from initiating rulemaking

action in the future if the situation so dictates.

For Further Information Contact

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